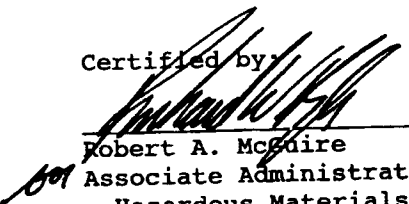


This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency<sup>1</sup> and the United States of America<sup>2</sup> for the transport of radioactive materials.

1. Source Identification - Isotope Products Laboratories Model No. 274-1.
2. Source Description - The source described by this certificate is a welded cylindrical encapsulation constructed of Type 304 or 304L stainless steel with external dimensions of 1.53 mm (0.06") in diameter x 5.08 mm (0.2") long. Construction must be in accordance with IPL Drawing Number A-3814 (attached).
3. Radioactive Contents - This source consists of not more than 0.74 GBq (0.02 Ci) of Cs-137 as CsCl in gold wire.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires August 31, 2005.

This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated February 15, 2000 submitted by Isotope Products Laboratories, Burbank, CA, and in consideration of other information on file in this Office.

Certified by:

  
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

AUG - 9 2000

(DATE)

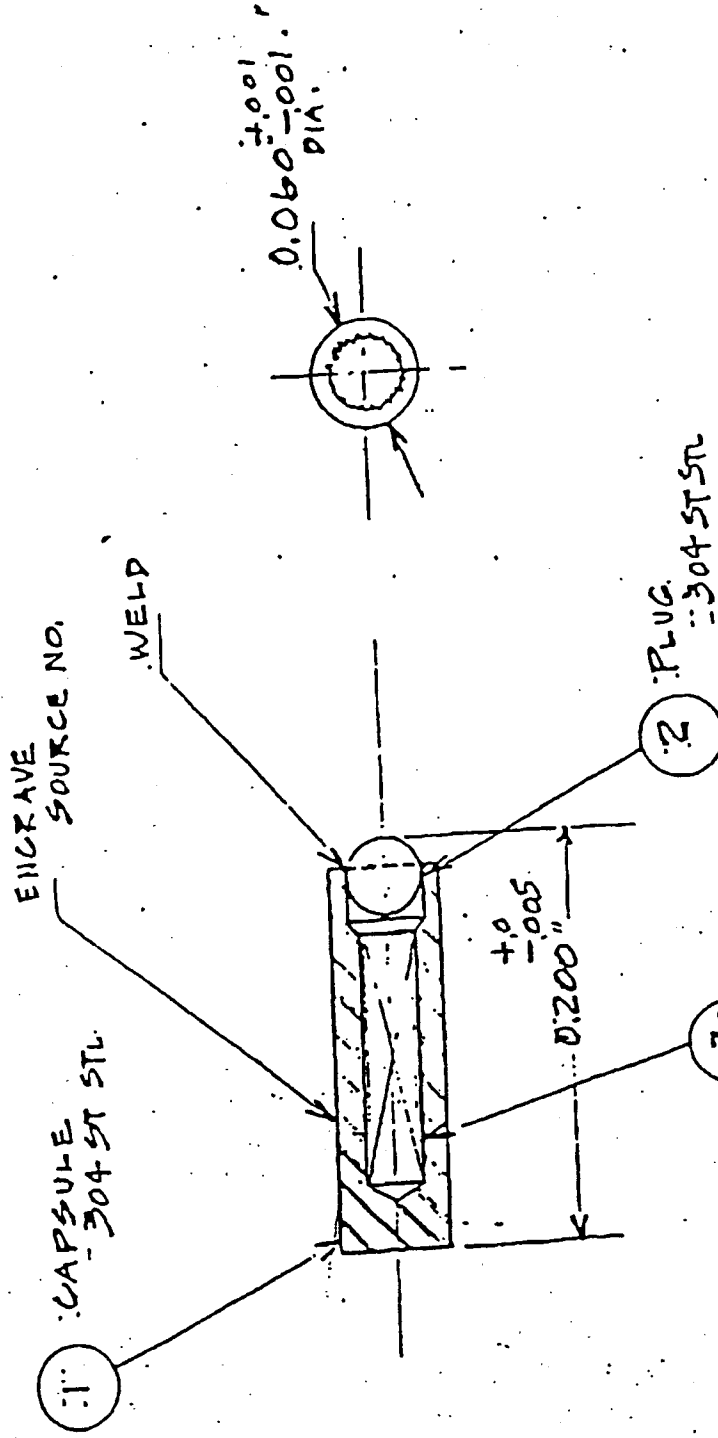
Revision 4 - Issued to update to 1985 IAEA standards and to extend the expiration date.

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1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990", published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2 Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.

SUPERCEEDS DWG. No 274  
 SPECIAL FORM CERTIFICATION  
 USA/0354/S-REV. O.

ACTUAL SIZE



ISOTOPE PRODUCTS LAB

APPROVED BY: E. W. 1-20-87 DATE: 10/2/87

ENG. W. C. 2-5-87

QUALITY INSPECTOR W. C. 2-5-87

COMPLETION 10/2/87

ACTIVE ELEMENT 226  
 K/A-WIRE - PA  
 10/51 220%

ANSI CLASS 322.32

DECEMBER 1989

ISOTOPE PRODUCTS LABORATORIES  
 BIRDBANK, CALIFORNIA 91504

DRAWING TITLE: ASSEMBLY MODEL 274-1 CAPSULE	SCALE: 10 TO 1
SERIES TITLE: HIGH INTENSITY GAMMA NEUTRON SOURCE	DESIGN BY: A
DRAWN BY: A. DEXTER	DRAWING NUMBER: A-3814